

Weekly Report

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1 Work scheduled in last week

The work scheduled in last week is listed as below:

1. To collect the datasets appeared in others' papers, if done, do the compress test.
2. The time varying demo.

2 Introduction

As the prior section mentioned, the main work of last week is two-folds. I have emailed to the leader of the website "digiMorph" and he promised to give me the dataset: micro-CT scan of a Veiled Chameleon specimen, 1024x1024x1080, 16Bit/sample, 2.1GB. Now the web is in update, so he will give me the data in one month's time. As for other datasets, I think it is better to ask Prof. Ma Kwan-Liu for some help. The core feature development of second work is done now and it is enough for demo use.

3 Details

I will give a detail technical report when the corresponding UI of time varying feature is done. The result could be reviewed in the ClimateVis video in the FTP.

4 Conclusion and Future Work

As a conclusion, I mainly done the time varying feature development in the last week. In next week, I will finish all the work related to the time varying feature, including the UI. Then, continue to do the compression project, both mine and Jinagang Tan's machine learning based compression. Try to write an English version of my compression project as a basic paper for the future. Besides above, work about the conference will be focused in time.

References